Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 09 Feb 2023 until 23:59 on Friday 10 Feb 2023

Forecast Issued on Wednesday 08 Feb 2023 at 14:44

Confidence: High confidence that the weather will be quite settled over the coming days with high pressure over Southern United Kingdom but uncertainties lie in cloud amounts and where there will be cloud breaks, also low confidence in the amount of mist and fog that will develop each night.

Headline for Thursday 09 Feb 2023: Dry and bright morning, increasingly cloudy later.

Mountain weather hazards on Thursday 09 Feb 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Partly cloudy (night)	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Cloudy
Precipitation probability							
60%	60%	10%	10%	10%	10%	10%	10%

Forecast for Thursday 09 Feb 2023

Weather: Remaining windy overnight with some rain around midnight, rain moving south leaving a lot of clear, dry weather through the early morning. A bright and sunny morning for most but cloud increasing from the west through the afternoon and cloud lowering over the highest tops later. Perhaps some mist and fog patches developing through the evening.

Chance of cloud-free hill tops above 600m: 90% falling to 70%, cloud lowering over the higher areas later in the day.

Low cloud and visibility: A bright morning with excellent visibility and very little cloud below summit level, cloud will thicken and lower during the afternoon with some of the higher summits shrouded by mid afternoon, scattered cloud tending to form around 500m and above. Visibility will turn hazier but still moderate or good later in the day.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 09 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/30 SW	16/21 W	12/16 W	15/22 W	19/26 W	19/26 W	13/19 W	11/17 SW	12/18 SW
300	17/24 SW	12/18 W	8/12 W	11/18 SW	14/20 W	14/22 W	9/16 W	10/16 SW	8/14 SW
Valley	8/22 SW	8/17 NW	4/11 W	5/16 SW	10/19 W	12/23 W	6/16 W	5/14 SW	4/13 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-5	1/-5	-1/-6	-0/-6	1/-6	2/-4	1/-4	0/-5	0/-5
300	4/-1	3/-1	2/-2	2/-3	4/-1	5/0	3/-0	2/-1	2/-1
Valley	4/1	4/0	1/-1	1/-1	5/1	6/2	4/1	3/1	2/0
Freezing Level*	1200m	600m	400m	400m	600m	600m	700m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fresh westerly winds continuing through the day and feeling quite fresh in the cool westerly airstream. Note freezing level around the higher summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 08 Feb 2023	0mm	0.2mm	0.2mm

Forecast for Friday 10 Feb 2023

Weather: Cloudy but mostly dry, perhaps some drizzle forming where the cloud thickens enough in the west. A few cloudbreaks may be possible in the east towards Sheffield.

Maximum wind: Southwesterly 10-15mph gusts 25mph.

Chance of cloud-free hill tops above 600m: 80% falling to 60% later, low cloud in association with light rain or drizzle later in the day.

Low cloud and visibility: Patches of low cloud above 500m are expected throughout the day, cloud tending to thicken and lower towards the evening. Visibility will be mainly good but becoming hazy later in the day.

Temperature: **Valleys:** Plus 4 rising to 9 Celsius.
At 600m: Plus 1 Celsius rising to 6 Celsius.
Freezing level: 600m rising above all summits.

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